



PLANT IDENTIFICATION



Pat Breen, Oregon State University

Typical section natural drainage system plants

PERENNIALS

Gaura
Cranesbill
Sunrose
Daylily
Coral Bells
Purple Palace
Coral Bells
Douglas' Iris
Gladwin Iris
Lavender
Lupine
Crocus

DECIDUOUS TREES

Norwegian Sunset Maple
Pacific Sunset Maple
Autumn Brilliance Serviceberry
Katsura Tree
Eddie's White Wonder Dogwood
Cornelian Cherry
Purple-Leaved Hazelnut
Flame Ash
Ballerina Magnolia
Galaxy Magnolia
Korean Mountain Ash

EVERGREEN TREES*

*Very few planted
Hinoki Cypress
Austrian Pine
Japanese Black Pine

DECIDUOUS SCREENING SHRUBS

Vine Maple
Redtwig Dogwood
Yellowtwig Dogwood
Isanti Redtwig Dogwood
Diane Witchhazel
Oakleaf Hydrangea
Belle Etoile Mock Orange
Red-Flowering Currant
Peafruit Rose
Pavement Rugosa Rose
Salmonberry
Blueberry

BROADLEAF EVERGREEN GROUND COVERS

Kinnikinnik
Rose Queen Epimedium
Kewensis Wintercreeper
Salal
Creeping Mahonia
Sword Fern

BROADLEAF EVERGREEN SHRUBS

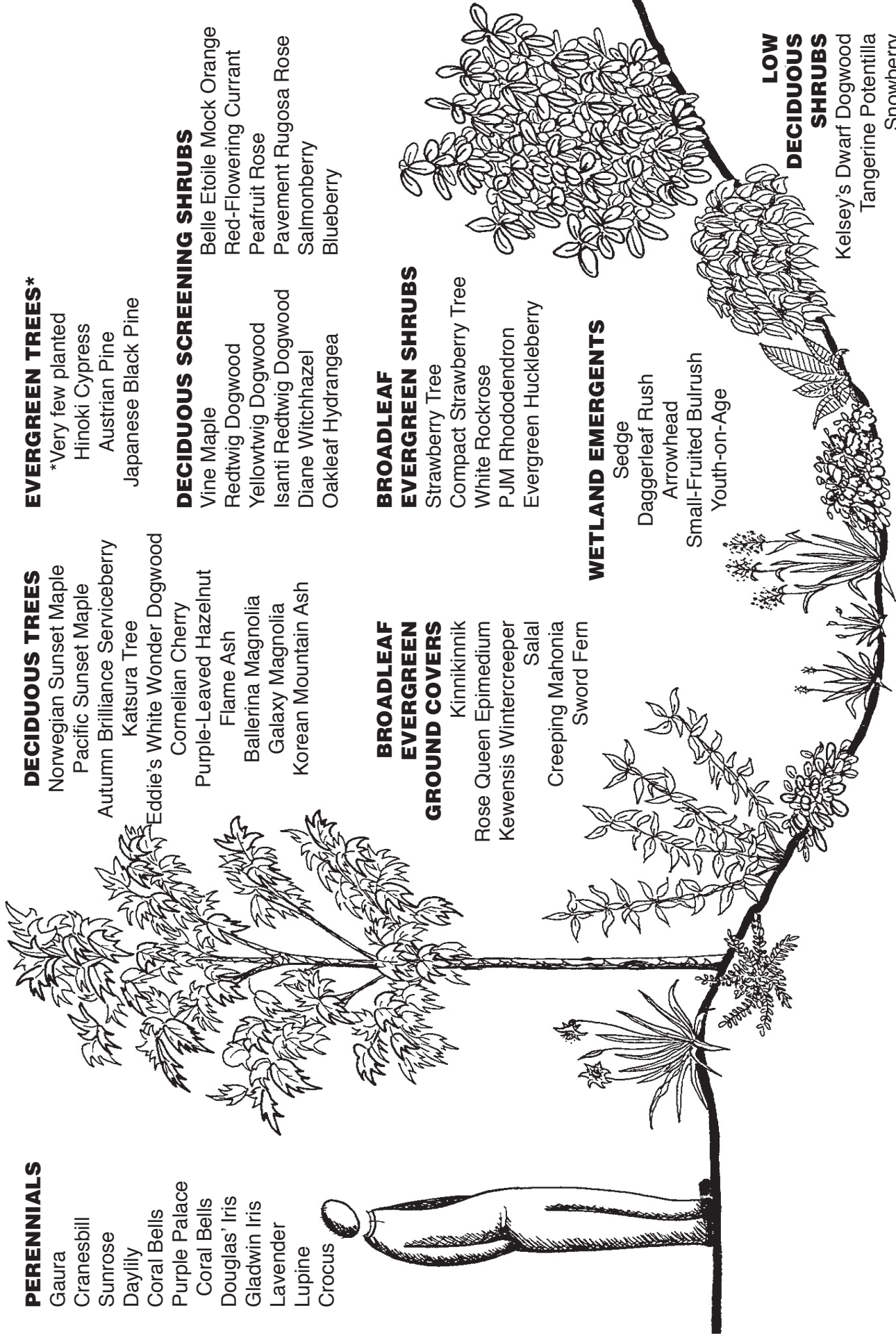
Strawberry Tree
Compact Strawberry Tree
White Rockrose
PJM Rhododendron
Evergreen Huckleberry

WETLAND EMERGENTS

Sedge
Daggerleaf Rush
Arrowhead
Small-Fruited Bulrush
Youth-on-Age

LOW DECIDUOUS SHRUBS

Kelsey's Dwarf Dogwood
Tangerine Potentilla
Snowberry





Norwegian Sunset Maple

Deciduous Tree

(*Acer truncatum* x *Acer platanoides* 'Keithsform')

Mature Size: 30'-35' height by 20'-25' spread

Shape: Upright oval to pyramidal

Environment: Adaptable to range of soils & conditions

Interest: Yellow-orange-red fall color

Special Needs: None



Pacific Sunset Maple

Deciduous Tree

(*Acer truncatum* x *Acer platanoides* 'Warrenred')

Mature Size: 25'- 30' height by 20'-25' spread

Shape: Upright spreading to round

Environment: Adaptable to range of soils & conditions

Interest: Yellow-orange to bright red fall color

Special Needs: None



Autumn Brilliance Serviceberry

Deciduous Tree

(*Amelanchier* x *grandiflora* 'Autumn Brilliance')

Mature Size: 20' height by 15' spread

Shape: Upright, moderately spreading; May sucker

Environment: Sun; Good soil: Moderate water

Interest: White Spring flowers; Red fall color

Special Needs: Water in hot, dry weather; Prune suckers



Katsura Tree

Deciduous Tree

(*Cercidiphyllum japonicum*)

Mature Size: 35' 40' height by 35'-40' spread

Shape: Upright, pyramidal to rounded

Environment: Protect from hot sun and dry wind

Interest: Heart-shaped foliage; Yellow-orange fall color

Special Needs: Water in hot, dry weather



Eddie's White Wonder Dogwood

Deciduous Tree

(*Cornus florida* x *C. nuttallii* 'Eddie's White Wonder')

Mature Size: 25' height by 20' spread

Shape: Upright, pyramidal

Environment: Needs shade; Deep, infrequent water

Interest: White May flowers

Special Needs: Water in hot, dry weather



Purple-Leaved Hazelnut

Deciduous Tree

(*Corylus maxima* 'Purpurea')

Mature Size: 15'-20' height by 10'-15' spread

Shape: Upright spreading to round; May sucker

Environment: Sun; Well-drained soils

Interest: Dark purple leaves; Edible fall nuts

Special Needs: Prune suckers



Cornelian Cherry

Deciduous Tree

(*Cornus mas*)

Mature Size: 15'-20' height by 15'-20' spread

Shape: Multi-trunk or single-trunk forms; Round to vase-shaped

Environment: Part sun to shade; Deep, infrequent water

Interest: Very early yellow flowers before leaves; Edible red fruit; Yellow-red fall color

Special Needs: Water in hot, dry weather



Flame Ash

Deciduous Tree

(*Fraxinus oxycarpa* 'Flame')

Mature Size: 35'-40' height by 35'-40' spread

Shape: Upright, rounded

Environment: Adaptable to range of soils & conditions

Interest: Red-purple fall color

Special Needs: None



Ballerina Magnolia

(Magnolia x loebneri 'Ballerina')

Mature Size: 20' height by 20' spread

Shape: Rounded, low branched

Environment: Full sun; Moist, well-drained organic soil

Interest: Light pink-white early spring flowers

Deciduous Tree



Galaxy Magnolia

(Magnolia liliiflora x M. sprengeri 'Diva')

Mature Size: 30' height by 15' spread

Shape: Pyramidal to oval

Environment: Full sun; Moist, well-drained organic soil

Interest: Reddish purple late spring flowers

Special Needs: Water in hot, dry weather; Mulch well

Deciduous Tree



Korean Mountain Ash

(Sorbus alnifolia)

Mature Size: 40' height by 30' spread

Shape: Oval to rounded; Simple undivided leaves

Environment: Adaptable to conditions; Resists borers

Interest: White spring flowers; Edible red-orange fruit;

Yellow-orange fall color

Special Needs: None

Deciduous Tree



Hinoki Cypress

(Chamaecyparis obtusa)

Mature Size: 20'-40' height by 15'-30' spread

Shape: Spreading, irregular, open; Very slow-growing

Environment: Sun; Well-drained soils

Interest: Evergreen foliage; Sculptural form

Special Needs: Susceptible to root rot in heavy, wet soil

Evergreen Tree



Austrian Pine

(*Pinus nigra*)

Evergreen Tree

Mature Size: 40'-50' height by 20'-25' spread
 Shape: Dense pyramidal; Moderate to slow growing
 Environment: Adaptable to conditions
 Interest: Evergreen needle foliage; Strong form
 Special Needs: None



Japanese Black Pine

(*Pinus thunbergiana*)

Evergreen Tree

Mature Size: 50'-100' height by 30'-60' spread
 Shape: Broad cone to irregular & spreading; Fast growing
 Environment: Adaptable to conditions
 Interest: Evergreen needle foliage; Irregular form
 Special Needs: Option - May be pruned to sculptural form



Vine Maple

(*Acer circinatum*)

Deciduous Screening Shrub

Mature Size: 15' height by 10'-15' spread
 Shape: Multi-stemmed; Understory tree or shrub
 Environment: Shade; Moist soil; Pacific NW native
 Interest: Branching pattern; Orange-red fall color
 Special Needs: Water in hot, dry weather



Redtwig Dogwood

(*Cornus stolonifera*)

Deciduous Screening Shrub

Mature Size: 6'-15' height by 8'-15' spread
 Shape: Large spreading, twiggy; Pacific NW native
 Environment: Adaptable; Prefers moist conditions
 Interest: White flowers; Red branches; Red fall color
 Special Needs: Option - Prune old branches to ground to control size & encourage brighter red new growth



Yellowtwig Dogwood Deciduous Screening Shrub
(*Cornus stolonifera* 'Flaviramea')
Mature Size: 6'-15' height by 8'-15' spread
Shape: Large spreading, twiggy
Environment: Adaptable; Prefers moist conditions
Interest: White flowers; Yellow branches; Red fall color
Special Needs: Option - Prune old branches to ground to control size & encourage brighter yellow new growth



Isanti Redtwig Dogwood Decid. Screening Shrub
(*Cornus stolonifera* 'Isanti')
Mature Size: 3'-4" height by 4'-6' spread
Shape: Compact spreading, twiggy; Low screen
Environment: Adaptable; Prefers moist conditions
Interest: White flowers; Red branches; Red fall color
Special Needs: Option - Prune old branches to ground to encourage brighter red new growth



Diane Witchhazel Deciduous Screening Shrub
(*Hamamelis x intermedia* 'Diane')
Mature Size: 10' height by 10' spread
Shape: Upright, spreading; Understory tree or shrub
Environment: Sun to light shade; Prefers moist soil
Interest: Red late winter flowers; Orange-red fall color
Special Needs: Water in hot, dry weather



Oakleaf Hydrangea Deciduous Screening Shrub
(*Hydrangea quercifolia*)
Mature Size: 6' height by 6' spread
Shape: Broad, rounded shrub
Environment: Prefers moist, rich, well-draining soil
Interest: Oak-shaped foliage; White flower clusters
Special Needs: Water in hot, dry weather; Option - Prune to ground in February to keep at 3' height



Mock Orange

Decid. Screening Shrub

(*Philadelphus lewisii* & ornamental varieties)

Mature Size: 6' height by 6' spread

Shape: Rounded, arching branches; *P. lewisii*, Pacific NW native

Environment: Adaptable to range of conditions

Interest: Fragrant white spring flowers

Special Needs: Option - Prune out old wood after bloom



Red-Flowering Currant

Decid. Screening Shrub

(*Ribes sanguineum*)

Mature Size: 4'-8' height by 4'-6' spread

Shape: Upright branching; Pacific NW native

Environment: Adaptable to range of conditions

Interest: Pink-red spring flowers; Edible blue-black berries

Special Needs: May need water in hot, dry weather



Peafruit Rose

Deciduous Screening Shrub

(*Rosa pisocarpa*)

Mature Size: 5'-6' height by 4'-5' spread

Shape: Upright spreading; Pacific NW native

Environment: Prefers moist conditions

Interest: Pink spring flowers; Red rose hips

Special Needs: May need water in hot, dry weather



Pavement Rugosa Rose

Decid. Screening Shrub

(*Rosa rugosa* 'Pavement cultivars?')

Mature Size: 3'-4' height by 4'-6' spread

Shape: Round, spreading

Environment: Adaptable to range of soils & conditions

Interest: Fragrant spring flowers; Large edible red rose hips; Crinkly textured leaves

Special Needs: None



Salmonberry

(*Rubus spectabilis*)

Mature Size: 5'-8' height by 5'-8' spread

Shape: Upright, spreading; Pacific NW native

Environment: Prefers shade & moist conditions

Interest: Purple-red spring flowers; Edible pinkish fruit

Special Needs: Water in hot, dry weather

Deciduous Screening Shrub



Blueberry

(*Vaccinium corymbosum* fruiting varieties)

Mature Size: 5'-6' height by 4'-5' spread

Shape: Upright to spreading; Twiggy

Environment: Sun to light shade; Cool, moist soil

Interest: Edible blueberries; Yellow-red fall color

Special Needs: Water for larger berries; Mulch well

Deciduous Screening Shrub



Strawberry Tree

(*Arbutus unedo*)

Mature Size: 8'-15' height by 8'-15' spread

Shape: Round, irregular branching; Slow growing screen

Environment: Adaptable to range of soils & conditions

Interest: White spring flowers; Edible red fruit; Shredding bark; Glossy evergreen leaves

Special Needs: Option – Prune to train as small tree;

Stake if top-heavy; Prune suckers

Broadleaf Evergreen Shrub



Compact Strawberry Tree

(*Arbutus unedo* 'Compacta')

Mature Size: 5'-8' height by 5'-8' spread

Shape: Upright to round; Slow growing; Screening shrub

Environment: Adaptable to range of soils & conditions

Interest: White spring flowers; Edible red fruit; Shredding bark; Glossy evergreen leaves

Special Needs: None

Brdlf. Evergr. Shrub



White Rockrose

Broadleaf Evergreen Shrub

(*Cistus hybridus*)

Mature Size: 3'-4' height by 4'-5' spread

Shape: Spreading to round; Low screening shrub

Environment: Adaptable; Prefers sun & well-drained soil

Interest: White spring flowers; Crinkly gray-green, fragrant evergreen leaves

Special Needs: None; Option – prune out old stems



PJM Rhododendron

Broadleaf Evergreen Shrub

(*Rhododendron* 'PJM')

Mature Size: 4' -5' height by 4'-5' spread

Shape: Upright spreading to round; Screening shrub

Environment: Adaptable to range of soils & conditions

Interest: Lavender-pink early spring flowers; Evergreen leaves turn mahogany in winter

Special Needs: Water in hot, dry weather; Mulch well



Evergreen Huckleberry

Broadlf. Evergreen Shrub

(*Vaccinium ovatum*)

Mature Size: 5'- 8' height by 5'-6' spread

Shape: Upright spreading; Screening shrub

Environment: Prefers partial shade; Pacific NW native

Interest: White spring flowers; Edible blue-black berries; Glossy evergreen leaves

Special Needs: Water in hot, dry weather; Mulch well



Kelsey's Dwarf Dogwood

Low Deciduous Shrub

(*Cornus stolonifera* 'Kelseyi')

Mature Size: 2' height by 3' spread

Shape: Spreading, mounded

Environment: Adaptable; Prefers moist conditions

Interest: Bright red twigs; Neat dwarf form

Special Needs: May need water in hot, dry weather



Tangerine Potentilla

Low Deciduous Shrub

(*Potentilla fruticosa* 'Tangerine')

Mature Size: 2'-3' height by 3' spread

Shape: Spreading, arching; Twiggy mound

Environment: Prefers full sun & well-drained soil

Interest: Yellow-orange summer flowers

Special Needs: None



Snowberry

Low Deciduous Shrub

(*Symphoricarpos albus*)

Mature Size: 3' height by 3'-4' spread

Shape: Upright, spreading; Pacific NW native

Environment: Adaptable to range of soils & conditions

Interest: Pink spring flowers; White winter berries

Special Needs: None



Kinnikinnik

Broadleaf Evergreen Ground Cover

(*Arctostaphylos uva-ursi*)

Mature Size: 6"-12" height by 4' – 6'+ spread

Shape: Prostrate, spreading; Pacific NW native

Environment: Adaptable; Prefers sun & well-drained soils

Interest: White to pink spring flowers; Edible red berries;

Bright, glossy evergreen leaves

Special Needs: Water in hot, dry weather; Mulch well



Rose Queen Epimedium

Brdlf. Evergr. Grd. Cover

(*Epimedium grandiflorum* 'Rose Queen')

Mature Size: 1' height by 3' – 4'+ spread

Shape: Upright spreading, mounding

Environment: Prefers shade & moist conditions

Interest: Crimson with white spring flowers; Heart-shaped

evergreen leaves; New growth bronze-pink

Special Needs: Water in hot, dry weather; Mulch well



Kewensis Wintercreeper Brdlf. Evergr. Grd. Cover
(*Euonymus fortunei* 'Kewensis')
Mature Size: 3' height maximum by 4' – 6'+ spread
Shape: Dense spreading, climbing or mounding
Environment: Adaptable to range of soils & conditions
Interest: Fine-textured, dark evergreen leaves
Special Needs: Mulch well



Salal Broadleaf Evergreen Ground Cover
(*Gaultheria shallon*)
Mature Size: 2'-4' height by 4'+ spread
Shape: Upright, spreading; Pacific NW native
Environment: Adaptable; Prefers summer shade, moisture
Interest: White spring flowers; Edible blue-black berries
Special Needs: Water in hot, dry weather to establish



Creeping Mahonia Broadlf. Evergr. Ground Cover
(*Mahonia repens*)
Mature Size: 2'-3' height by 3'-4'+ spread
Shape: Upright, open, spreading
Environment: Adaptable to range of soils & conditions; Pacific NW native
Interest: Yellow spring flowers; Edible blue berries; Dull blue green evergreen leaves turn bronze in winter
Special Needs: Mulch well



Sword Fern Broadleaf Evergreen Ground Cover
(*Polystichum munitum*)
Mature Size: 2'- 3' height by 2'-3' spread
Shape: Upright arching, spreading fronds; Pacific NW native
Environment: Adaptable; Prefers shade, moist conditions
Interest: Evergreen fern fronds
Special Needs: Water in hot, dry weather; Mulch well

Peggy Gaynor



Gaura

(*Gaura lindheimeri* & varieties)

Mature Size: 2'-4' height by 2'-4' spread

Shape: Open, upright, fine-textured

Environment: Full sun; Drought-tolerant

Interest: White-pink summer flowers

Special Needs: Option - Cut spent flower stalks

Perennial

Peggy Gaynor



Cranesbill

(*Geranium pratense* & other *Geranium* species)

Mature Size: 3' height by 3' spread

Shape: Spreading mound

Environment: Sun to light shade; Moist soil

Interest: Blue-purple summer flowers; Shiny lobed leaves

Special Needs: Water throughout summer

Perennial

Peggy Gaynor



Sunrose

Perennial Evergreen Shrublet

(*Helianthemum nummularium* & varieties)

Mature Size: 6"-12" height by 3' spread

Shape: Low arching, spreading mound

Environment: Full sun; Well-drained soil

Interest: Bright colored summer flowers; Fuzzy gray-green evergreen leaves

Special Needs: Lightly cover with evergreen branches in winter; Option – Cut back after flowering for fall bloom

Peggy Gaynor



Daylily

(*Hemerocallis* hybrids)

Mature Size: 2'-4' height by 2'-4' spread

Shape: Arching clump of sword-shaped leaves

Environment: Adaptable to range of soils & conditions

Interest: Colorful lily-like summer flowers on tall stems; Sword-shaped deciduous to evergreen leaves

Special Needs: Cut spent flower stalks

Perennial

Peggy Gaynor



Coral Bells

(Heuchera sanguinea & green-leaved varieties)

Perennial

Mature Size: 1'-2' height by 1'-2' spread

Shape: Compact mound

Environment: Sun to light shade; Moist soil

Interest: Red to pink spring-summer flowers on tall stems;

Neat scalloped, green leaves

Special Needs: Water throughout summer

Peggy Gaynor



Purple-Leaved Coral Bells

(Heuchera 'Plum Pudding' & other purple-leaved varieties)

Perennial

Mature Size: 1'-2' height by 1'-2' spread

Shape: Compact mound

Environment: Sun to light shade; Moist soil

Interest: Maple-shaped rich bronze to red-purple leaves all year; Tiny pink flowers on tall stems

Special Needs: Water throughout summer

Peggy Gaynor



Douglas' Iris

(Iris douglasiana)

Perennial Evergreen

Mature Size: 1'-2' height by 1'-2' spread

Shape: Upright, spreading clump; Pacific NW native

Environment: Adaptable; Sun to light shade

Interest: White to lavender spring flowers; Long shiny evergreen leaves

Special Needs: Water in hot, dry weather

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Gladwin Iris

(Iris foetidissima)

Perennial Evergreen

Mature Size: 1'-2' height by 1'-2' spread

Shape: Upright, spreading clump

Environment: Adaptable to range of soils & conditions

Interest: Large red seed capsules; Long evergreen leaves; Spring flowers subtle

Special Needs: None

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Lavender

Perennial Evergreen Herb

(*Lavendula angustifolia*)

Mature Size: 2'-3' height by 2'-3' spread

Shape: Round clump or mound; Fine-textured

Environment: Full sun; Well-drained soil

Interest: Lavendar summer flowers; Fragrant gray-green evergreen foliage

Special Needs: Option – Prune after bloom for neat, compact form



Lupine

Perennial

(*Lupinus* species)

Mature Size: 2'-4' height by 2'-4' spread

Shape: Loose mound

Environment: Adaptable; Nitrogen-fixing legume

Interest: Blue-purple late spring flowers

Special Needs: Susceptible to mildew & aphids; Re-seeds

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Sedge

Wetland Emergent

(*Carex* species)

Mature Size: 1'-2' height by 1'-2' spread

Shape: Upright grass-like leaves; some species are Pacific NW natives

Environment: Moist soil to wet conditions

Interest: Flower & seedheads; Some species evergreen

Special Needs: Water throughout summer



Daggerleaf Rush

Wetland Emergent

(*Juncus ensifolius*)

Mature Size: 6"- 18" height by 1' spread

Shape: Upright iris-like leaves; Pacific NW native

Environment: Moist soil to wet conditions

Interest: Flat, dagger-shaped leaves

Special Needs: Water throughout summer

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Arrowhead

(*Sagittaria latifolia*)

Wetland Emergent

Mature Size: 1'-2' height by 1'-2' spread

Shape: Upright arrowhead leaves; Pacific NW native

Environment: Moist soil to 18" deep water

Interest: White flowers; Arrowhead-shaped leaves

Special Needs: Water throughout summer



Small-Fruited Bulrush

(*Scirpus microcarpus*)

Wetland Emergent

Mature Size: 1.5'-4' height by 2'-4' spread

Shape: Upright flat grasslike blades; Pacific NW native

Environment: Moist soil to 18" deep water

Interest: Flower & seed heads; Large, flat leaf blades

Special Needs: Water throughout summer



Youth-on-Age

(*Tolmiea menziesii*)

Wetland Perennial

Mature Size: 6"-12" height by 1'-2' spread

Shape: Spreading mound; Pacific NW native

Environment: Shade; Moist soil

Interest: Wide lobed leaves with plantlets on stems

Special Needs: Water throughout summer



Crocus

(*Crocus* species & varieties)

Perennial Bulb

Mature Size: 3"-6" height by 3"-6" spread

Shape: Grass-like leaves at base; Upright flower stalk

Environment: Sun to light shade; Well-drained soils

Interest: Early spring flowers of many colors

Special Needs: None; Dies back in summer